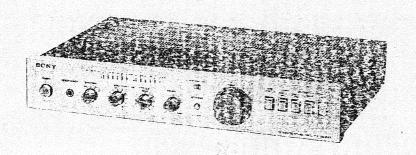


US Model Canadian Model AEP Model UK Model



INTEGRATED STERED AMPLIFIER JU



SPECIFICATIONS

GENERAL

Power Requirements:

120V ac, 60Hz (US, Canadian model) 220V ac, 50/60Hz (AEP model) 240V ac, 50/60Hz (UK model)

Power Consumption:

85W (US model) 130W (Canadian model)

210W (AEP model) 240W (UK model)

AC Outlets:

Dimensions:

1 switched, 100W (at max.)

(US, Canadian model) 2 unswitched, total 100W (at max.)

Approx. 430(w)x80(h)x335(d)mm 16⁷/_s (w)x3¹/_s (h)x13¼(d) inches

including projecting parts and controls

Approx. 4.2 kg (9 lb 4 oz), net

Weight:

Approx. 5.3kg (11 lb 11 oz), in shipping carton

SAFETY RELATED COMPONENT WARNING!

COMPONENTS IDENTIFIED BY SHADING AND MARK / ON THE SCHEMATIC DIAGRAMS, EXPLODED VIEWS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

ATTENTION AU COMPOSANT AYANT RAPPORT A LA SECURITE I

LES COMPOSANTS IDENTIFIÉS PAR UN TRAMÉ ET UNE MARQUE A SUR LES DIAGRAMMES SCHE MATIQUES, LES VUES EXPLOSEES ET LA LISTE DES PIÈCES SONT CRITIQUES POUR LA SÉCURITÉ DE FONCTIONNEMENT. NE REMPLACER CES COMPOSANTS QUE PAR DES PIÈCES SONY DONT LES NUMEROS SONT DONNÉS DANS CE MANUEL OU DES SUPPLEMENTS PUBLIES PAR SONY

- Continued on page 2 -



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AMPLIFIER SECTION

Power Output and Total

Harmonic Distortion: (US, Canadian model) With 8Ω loads, both channels driven, from 20 - 20,000 Hz; rated 50W per channel minimum RMS power, with no more than 0.01% total harmonic distortion from

250mW to rated output.

Continuous RMS Power

Output:

At 20 - 20,000 Hz (Less than 0.01% THD. $50W + 50W (8\Omega)$ According to DIN 45500 both channels driven 55W + 55W (8Ω) simultaneously)

(AEP, UK model) Power Bandwidth:

5 - 30,000Hz (AEP, UK model)

(IHF)

Harmonic Distortion: Less than 0.01% at rated output Less than 0.008% at 25W output

Intermodulation (IM)

Distortion: (60Hz: 7 kHz = 4:1)

Less than 0.01% at rated output Less than 0.008% at 25W output

PHONO RIAA equalization curve ±0.2dB Frequency Response:

TUNER)

5 - 70,000Hz ⁺⁰ dB AUX TAPE

Less than 150 μ V (8 Ω , Network A) Residual Noise:

50 (8Ω, 1kHz) Damping Factor:

inputs:				
	Sensitivity	Impedance	Maximum Input Capa- bility (0.003% distortion, 1kHz)	S/N (weight- ing net- work ₎
PHONO MM	2.5mV (-50dB)	50kΩ	250mV	88dB(A)
PHONO MC	0.25mV (70dB)	100Ω	25mV	75dB(A)
TUNER AUX TAPE	150mV (-14.5dB)	50kΩ		100dB(A)

Outputs:

	Voltage	Impedance
REC OUT	150mV (–14.5dB)	6kΩ
SPEAKER A, B	Accepts speakers of 8-165	2
HEAD- PHONES	Accepts low and high impe	dance headphones

Tone Controls: BASS ± 10dB at 100Hz

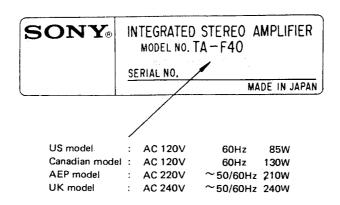
(turnover frequency: 500Hz) TREBLE ± 10dB at 25kHz (turnover frequency: 5kHz)

Loudness: (att. 30dB) +10dB at 100Hz, +3dB at 10kHz

0dB = 0.775V

MODEL IDENTIFICATION

Specification Label

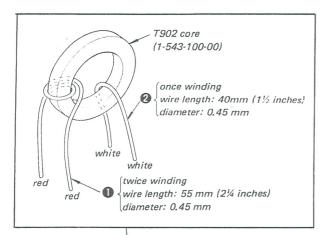


SERVICING NOTES

1. REPLACEMENT OF THE TRANSFORMERS IN THE PULSE POWER SUPPLY CIRCUIT

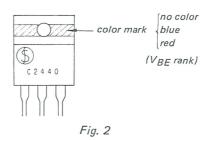
The lead wire arrangement for each of T901 and T902 in the inverter circuit are shown in Fig. 1.

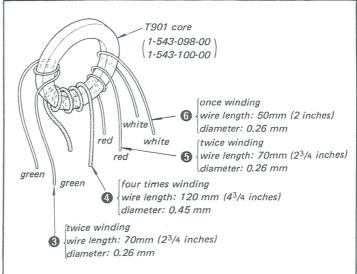
As the repair parts, T901 and T902 are formed by only iron core. Thus, if the coils are defective, arrange a new transformers as shown below. Note that the lead lengths must be exact. Also wind the coil carefully.



2. INVERTER CIRCUIT TRANSISTOR REPLACE-MENT

When replacing Q903 and Q904 in the pulse power supply circuit, use those which have the same $V_{\rm BE}$ ranks.





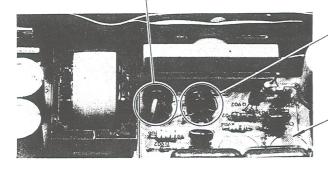
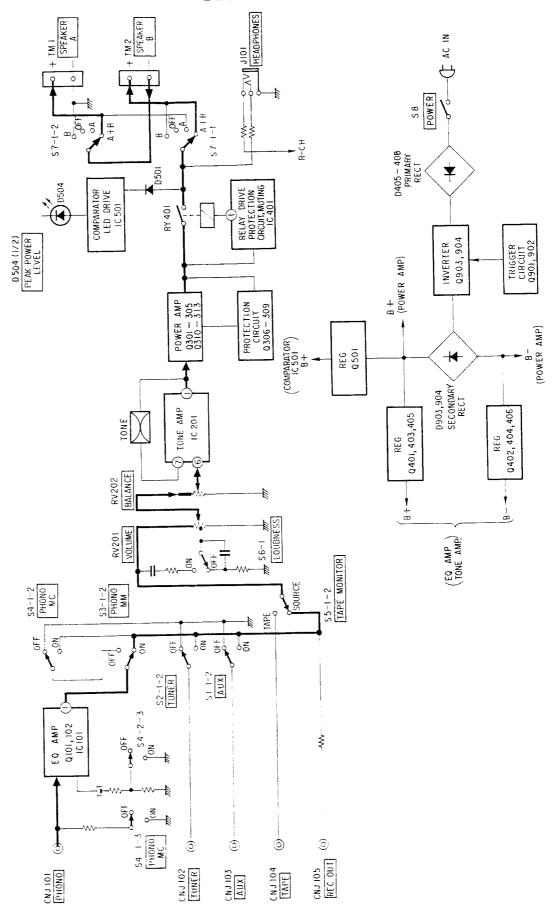


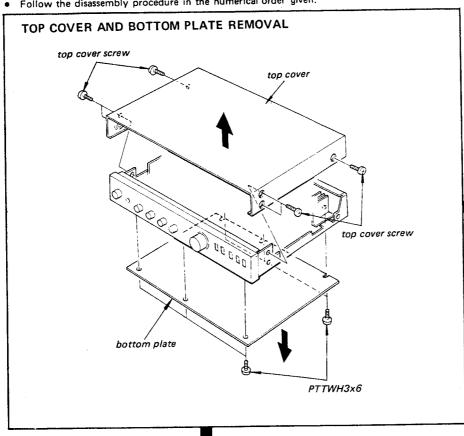
Fig. 1

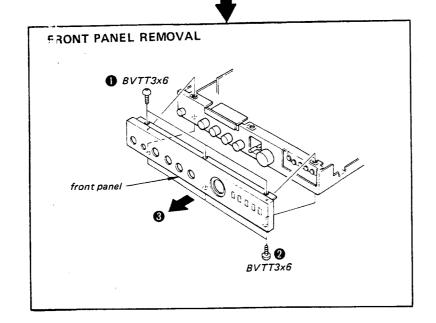
SECTION 1 BLOCK DIAGRAM

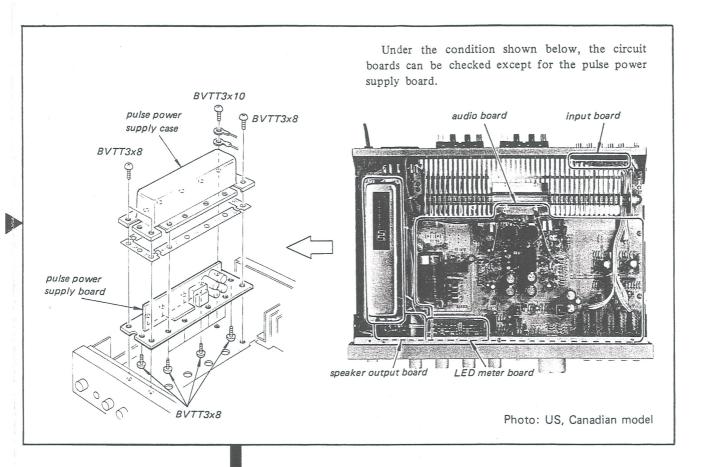


SECTION 2 DISASSEMBLY

• Follow the disassembly procedure in the numerical order given.

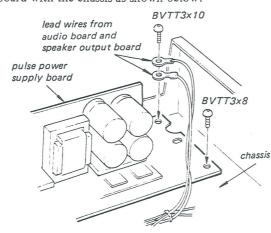


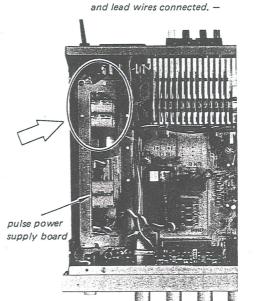




PULSE POWER SUPPLY BOARD REPAIRING The negative circuit of the secondary rectifier in the pulse power supply circuit is grounded by the

the pulse power supply circuit is grounded by the screws in the aluminum diecast case. When checking the pulse power supply board out of the box, use the two lead wires to connect the ground pattern of circuit board with the chassis as shown below.

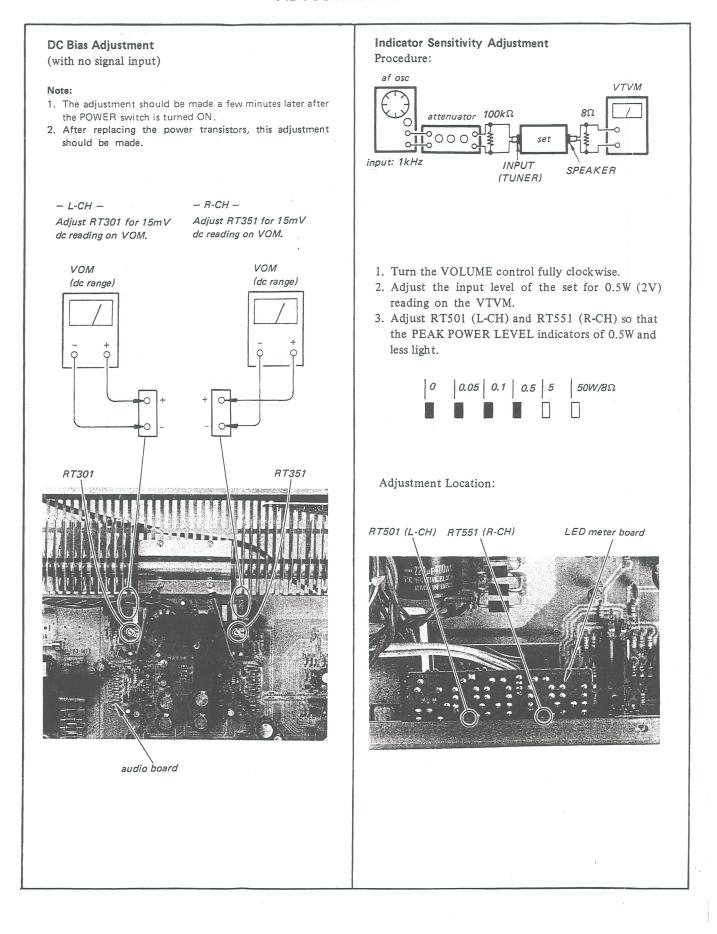




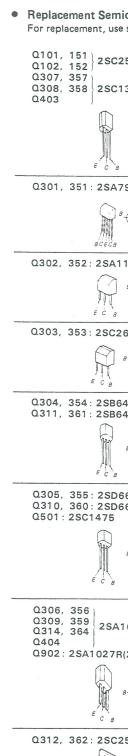
- With shield case installed

Photo: US, Canadian model

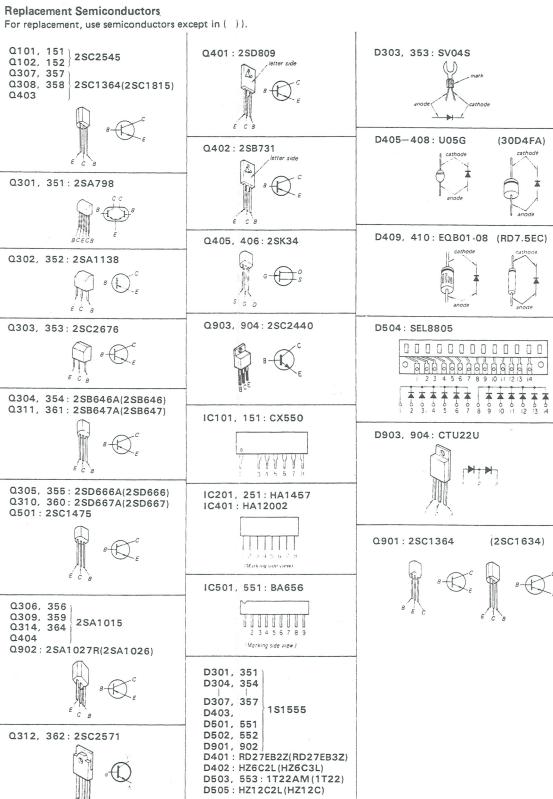
SECTION 3 ADJUSTMENTS



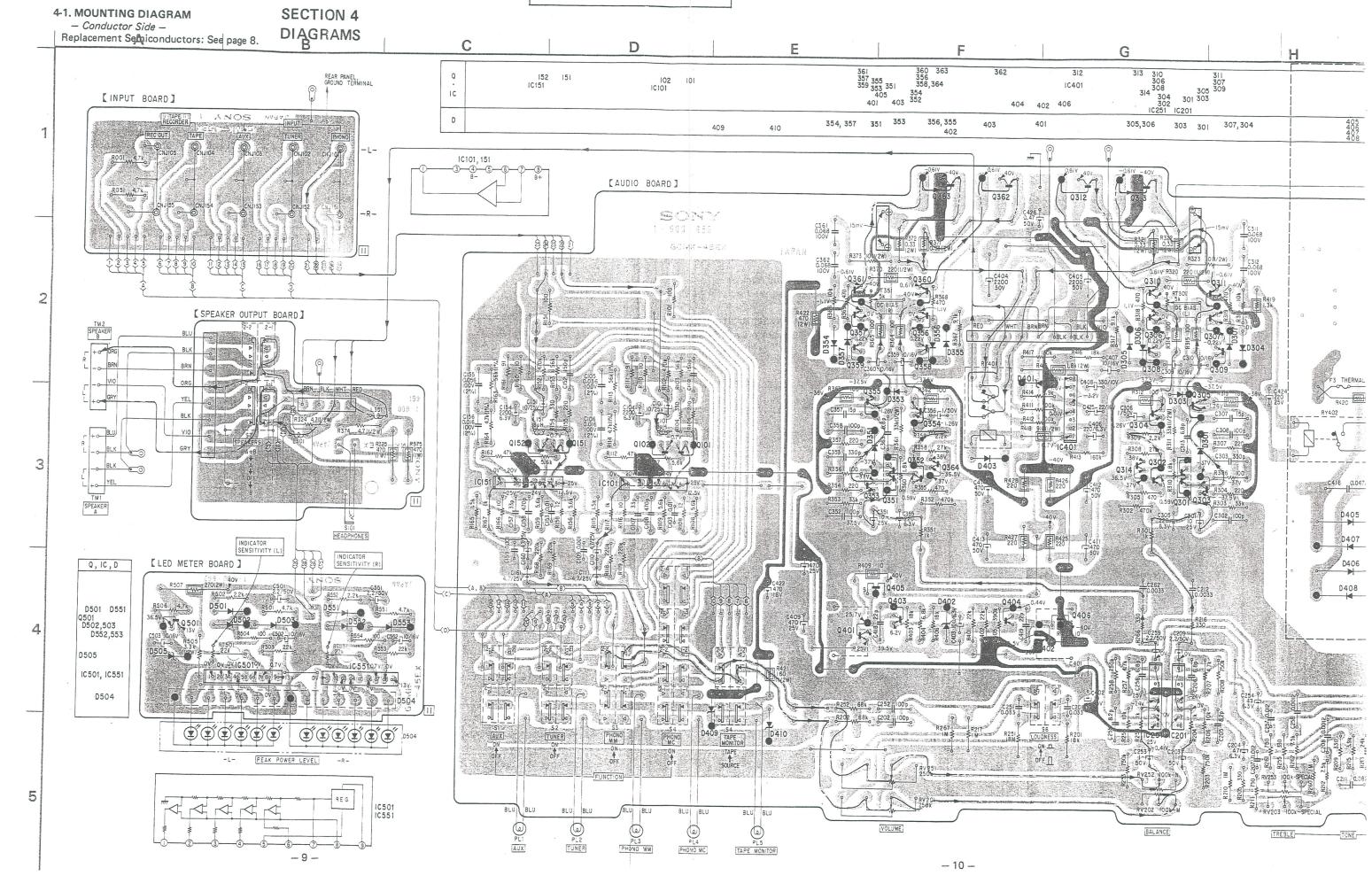
Replacement Semiconductors



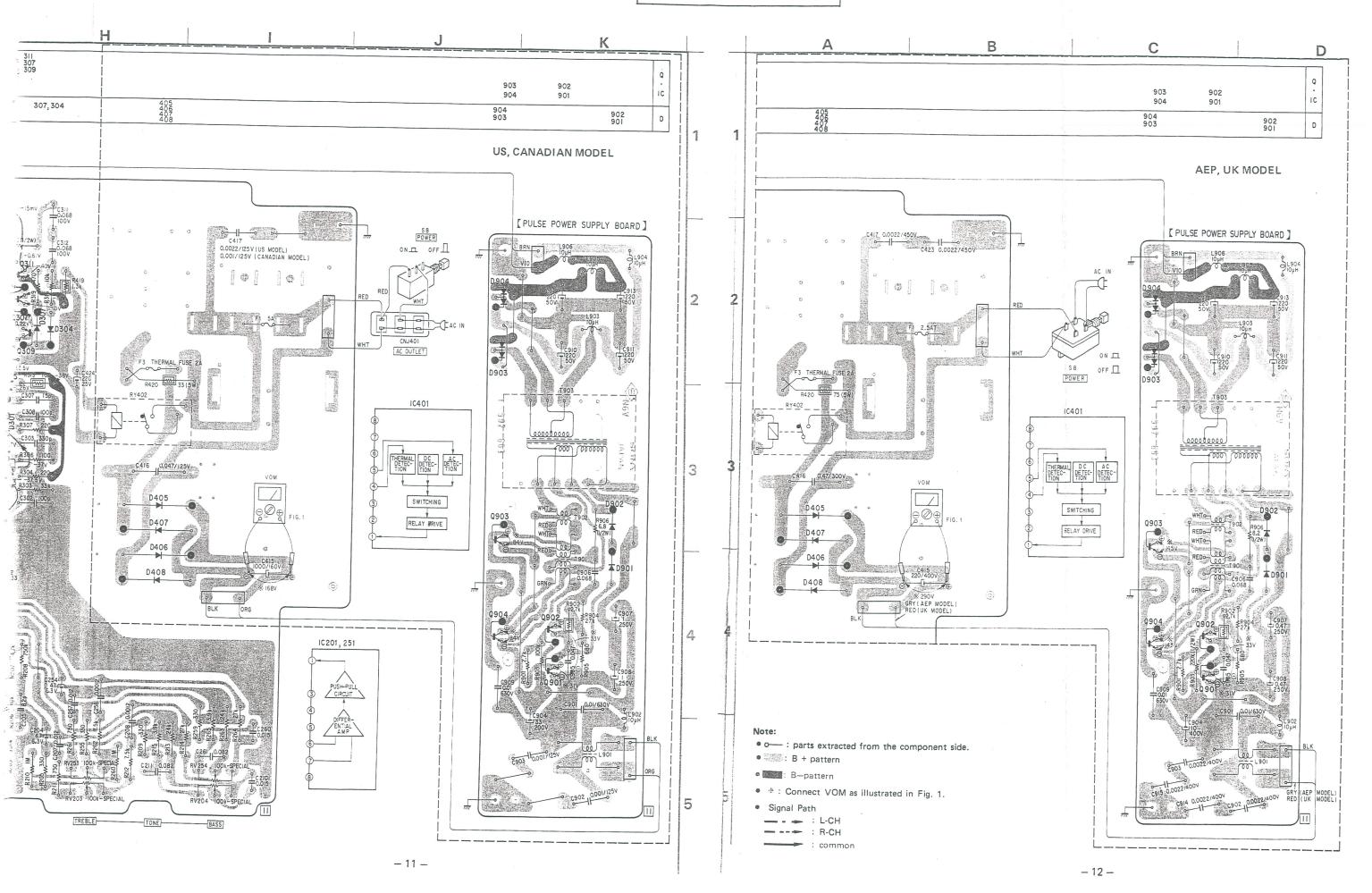
Q313, 363: 2SA1097

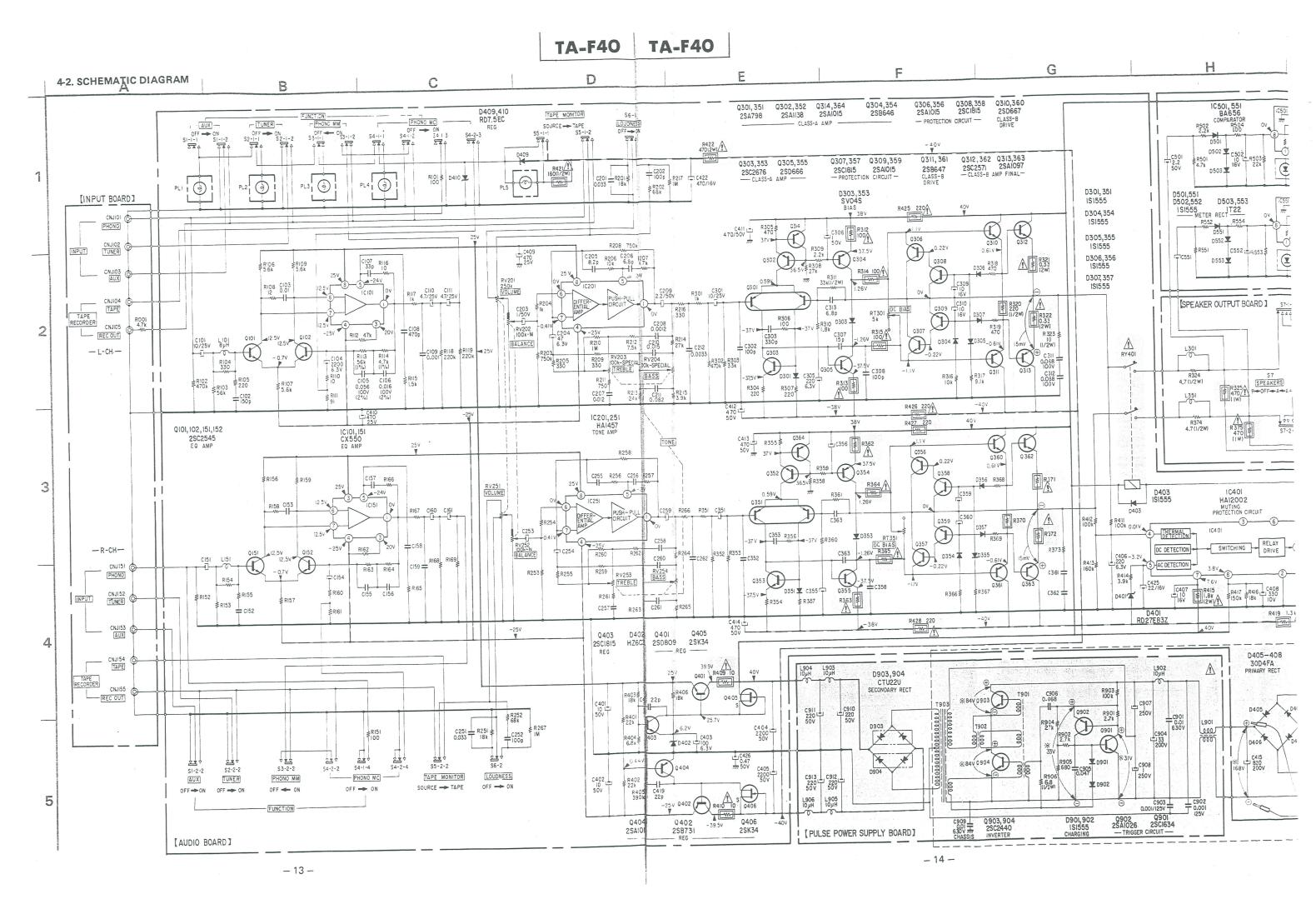


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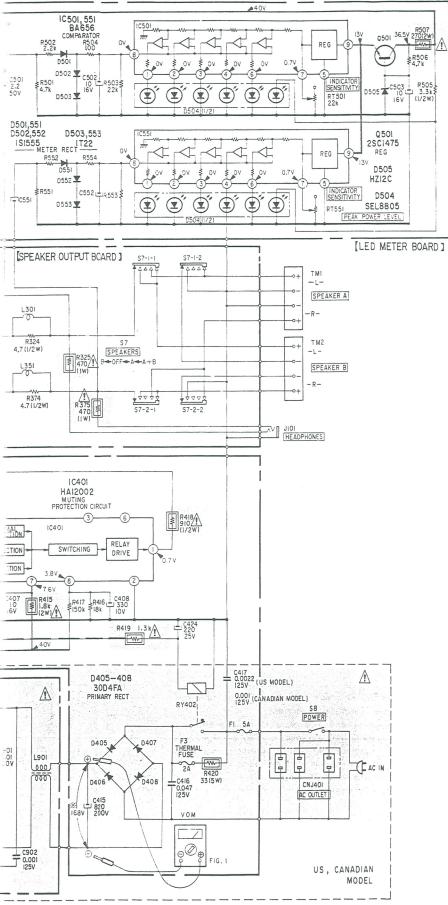
TA-F40 TA-F40

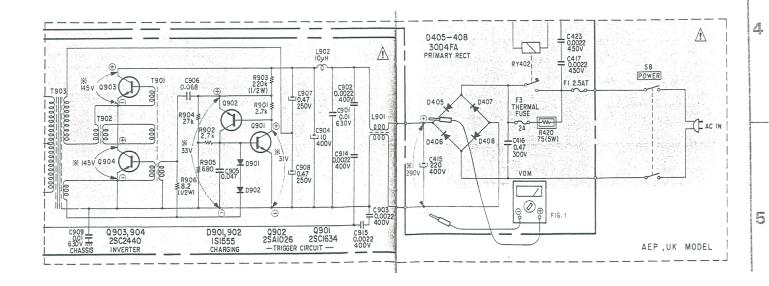




TA-F40 TA-F40

H I J K L M





Note: The components identified by shading and mark

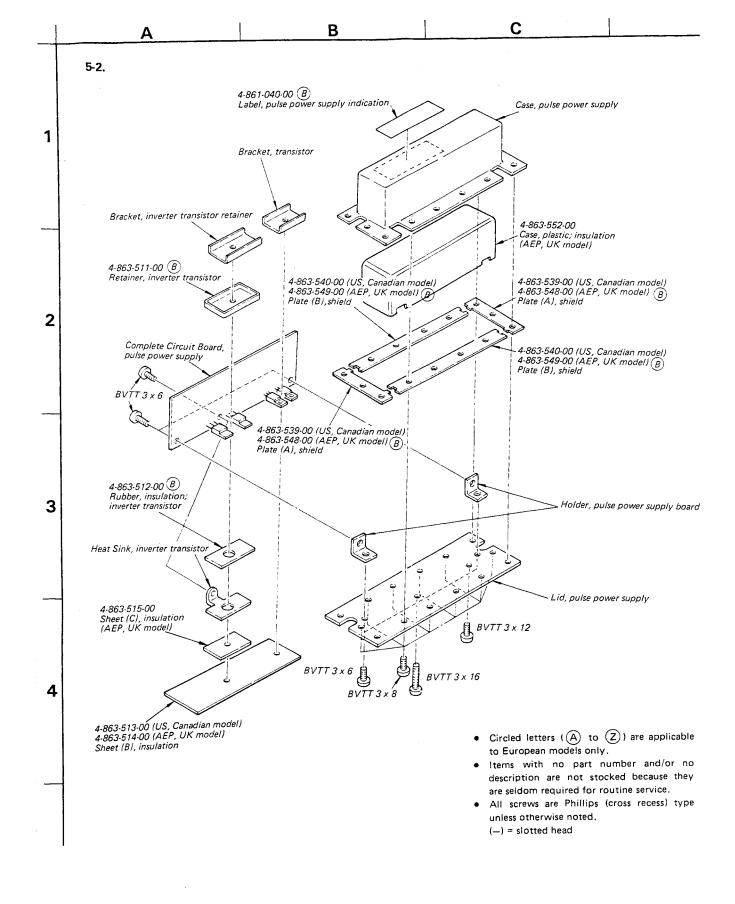
A are critical for safety. Replace only with
part number specified.

Note: Les composants identifiés par un tramé et une marque Asont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

- Components for right channel have same values as for lef channel. Reference numbers are coded from 151, 251, 35
- All capacitors are in μF unless otherwise noted. pF : $\mu \mu$ 50 WV or less are not indicated except for electrolytics.
- All resistors are in ohms, ¼W unless otherwise noted, k Ω : 1000 Ω , M Ω : 1000 k Ω .
- All variable and adjustable resistors have characteristic curv
 B, unless otherwise noted.
- inonflammable resistor.
- 1% or 2% indicates component tolerance.
- panel designation
- adjustment for repair
- ---: B + bus.
- ---: B-bus.
- # : Connect VOM as illustrated in Fig. 1.
- Voltages are dc with respect to ground unless otherwis noted.
- Readings are taken under no signal conditions with a V0 (20 k Ω /V).
- Voltage variations may be noted due to normal production tolerances.

Switch

Ref. No.	Switch	Position
S1-1-1, 2 S1-2-2	AUX	OFF
S-2-1-1, 2 S-2-2-2	TUNER	OFF
S3-1-1, 2 S3-2-2	PHONO MM	ON
S4-1-1 to 4 S4-2-2 to 4	PHONO MC	OFF
S5-1-1, 2 S5-2-2	TAPE MONITOR	SOURCE
S6-1, 2	LOUDNESS	OFF
S7-1-1, 2 S7-2-1, 2	SPEAKERS	A + B
S8	POWER	OFF



• All screws are Phillips (cross recess) type

unless otherwise noted.

(-) = slotted head

marque Asont critiques pour la sécurité. Ne les

remplacer que par une pièce portant le numero

spécifié.

5

SECTION 6 ELECTRICAL PARTS LIST

	ELECTRICAL PARTS LIST			
A B C		 Circled letters (A) to (Z)) are applicable to Europear models only. 		
5-3.	Ref. No. Part No. Description	Ref. No. Part No. Description		
4.863-534-00 ① Heat Sink	SEMICONDUCTORS	D304, 354 D307, 357 B-719-815-55 B 1S1555		
	Transistors	⇒D401 8-719-127-25 (B) RD27EB2Z		
3.701-948-18 (A) Label, indication; fuse capacity (AEP, UK model) 1.532-272-XX (US, Canadian model) Fuse, 5A (F1) 1.532-286-00 (B) (AEP, UK model) Fuse, 2. 5AT (F1) Plate, grounding; electrolytic capacitor 3.703-044-24 Label, caution; fuse replacement	Q101, 151 Q102, 152) 8-729-354-52 \textcircled{E} 2SC2545 Q301, 351 8-729-679-82 \textcircled{B} 2SA798 Q302, 352 8-729-113-82 \textcircled{B} 2SA1138 Q303, 353 8-729-167-62 \textcircled{B} 2SC2676 \Rightarrow Q304, 354 8-729-304-62 \textcircled{B} 2SB646A \Rightarrow Q305, 355 8-729-300-62 \textcircled{B} 2SD666A Q306, 356 8-729-201-52 \textcircled{B} 2SA1015	⇒ D402 8-719-910-68		
(US, Canadian model) 4-863-521-00 B Sheet, insulation	⇒Q307, 357 ⇒Q308, 358) 8-729-663-47 © 2SC1364 ⇒Q309, 359 8-729-201-52 ® 2SA1015 ⇒Q310, 360 8-729-306-72 ® 2SD667A	D901, 902 A8-719-815-55 B 1S1555 D903, 904 A8-719-300-22 D CTU22U		
1-226-214-00 (D)	⇒Q311, 361 8-729-300-72 B 2SB647A Q312, 362 8-729-371-22 G 2SC2571 Q313, 363 8-729-397-22 I 2SA1097	COILS AND TRANSFORMERS L101, 151 1-407-519-00 B Microinductor, 8μH L901 1-421-328-11 Coil, line filter		
Resistor, variable; $100k\Omega$ -special/special $BASS$ (RV204, 254) 1-226-213-00 \bigcirc Resistor, variable; $100k\Omega$ -special/special $TREBLE$ (RV203, 253) 1-226-215-00 \bigcirc Resistor, variable; R -special/special R -special/special/special R -special/s	Q314, 364 8-729-201-52 \textcircled{B} 2SA1015 Q401 8-729-180-93 \textcircled{B} 2SD809 Q402 8-729-173-13 \textcircled{B} 2SB731 \Rightarrow Q403 8-729-663-47 \textcircled{C} 2SC1364 Q404 8-729-201-52 \textcircled{B} 2SA1015	(US, Canadian model) L901		
BALANCE (RV202, 252) / VOLUME (RV201, 251) Complete Circuit Board, audio X-4861-001-0 B 1-552-932-00 B Switch, pushbutton; 1-552-933-00 C Switch, pushbutton; FUNCTION, TAPE MONITOR (S1-5)	Q405, 406 8-729-634-03 (B) 2SK34 Q501 8-760-413-10 (B) 2SC1475 $\Rightarrow Q901 $	T903 A1-446-364-00 (US, Canadian model) T903 A1-446-364-00 (K) Transformer, converter (AEP, UK model)		
		CAPACITORS		
Note: The components identified by shading and mark	ICs IC101, 151 8-759-305-50 ① CX550 IC201, 251 8-759-314-57 ② HA1457 IC401 8-759-320-02 ② HA12002 IC501, 551 8-759-965-60 ① BA656 Diodes D301, 351 8-719-815-55 ② 1S1555 D303, 353 8-719-300-11 ⑧ SV04S	All capacitors are in μ F and ceramic unless otherwise noted. 50WV or less are not indicated except for electrolytics. p: $\mu\mu$ F, elect: electrolytic C101, 151 1-123-329-00 B 10 25V elect C102, 152 1-161-313-00 A 150p C103, 153 1-108-239-00 A 0.01 mylar C104, 154 1-123-300-00 B 2200 6.3V elect C105, 155 1-130-126-00 B 0.056 100V polyethylene (2%) C106, 156 1-130-125-00 B 0.016 100V polyethylene (2%) C107, 157 1-161-265-00 A 33p		

ullet : Due to standardization, interchangeable replacements may be substituted for parts specified in the diagrams.

Note: The components identified by shading and mark A are critical for safety. Replace only with part number specified.

Note: Les composants identifiés par un tramé et une marque A sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro specifie.

ullet Circled letters ($igatesize{\mathbb{A}}$ to $igatesize{\mathbb{Z}}$) are applicable to European models only.

Ref. No.	Part No.		escript	ion	Ref. No.	Part No.		Description
C108, 158	1-161-319-00	A 470p			C415	<u></u> 1 -123-407-00	① 220	400V elect
C109, 159	1-108-227-00	(A) 0.001		mylar		A		(AEP, UK model)
C110, 160) 1-123-328-00	(B) 4.7	25V	elect	C416	1 -108-749-00	0.047	125V mylar
C111, 161) 1-123-326-00	B 4.7	23 🔻	Clect		Α	O 0.45	(US, Canadian model)
					C416	1-130-342-00	© 0.47	300V film
					0417	A	0.0022	(AEP, UK model) 125V (US model)
C201, 251	1-108-244-00	$ \bigodot $ 0.033		mylar	C417	1-161-515-00 1-161-515-00	0.0022	123 V (US IIIOdei)
C202, 252	1-161-271-00	<u>(A)</u> 100p			0417	<u> </u>	0.001	125V (Canadian model)
C203, 253	1-123-352-00	B 1	50V	elect	C417	<u>11-161-734-00</u>	(B) 0.0022	450V (AEP, UK model)
C204, 254	1-123-294-00	B 47	6.3V	elect	C417 C418, 41		(A) 22p	450 V (ALI, OK Model)
		0 -			C418, 41	1-123-323-00	B 470	16V elect
C205, 255	1-161-258-00	A 8.2p			C422 C423	▲ 1-161-734-00	(B) 0.0022	450V (AEP, UK model)
C206, 256	1-161-257-00	(A) 6.8p		_	C423	2:21-101-734-00	(B) 0.0022	4507 (1121, 011 111040)
C207, 257	1-108-357-00	(A) 0.012		mylar	C424	1-123-334-00	(B) 220	25V elect
C208, 258	1-161-324-00	(A) 0.0012		_	C424 C425	1-123-317-00	B 22	16V elect
C209, 259	1-123-353-00	B 2.2	50V	elect	C425 C426	1-123-351-00	B 0.47	50V elect
							B 2.2	50V elect
C210, 260	1-108-240-00	(A) 0.015		mylar	C501, 55	1	•	
C211, 261	1-108-362-00	B 0.082		mylar	C502, 55 C503	1-123-316-00	B 10	16V elect
C212, 262	1-108-232-00	(A) 0.0033		mylar	C303			
C301, 351	1-123-329-00	B) 10	25V	elect	C901	<u>^</u> 1-130-141-00	® 0.01	630V polyethylene
C302, 352	1-161-271-00	A 100p			I .	3 1-161-516-00	0.001	125V (US model)
		O			1	3 <u>1</u> -161-502-00	0.001	125V (Canadian model)
C303, 353	1-161-317-00	(A) 330p				3 1-161-734-00	(B) 0.0022	400V (AEP, UK model)
C305, 355	1-123-296-00	B 220		elect	C902, 90	1-123-565-00	33	200V elect
C306, 356	1-123-352-00	B 1	50V	elect	C704	231 123 303 00		(US, Canadian model)
C307, 357	1-161-261-00	(A) 15p						(, -
C308, 358	1-161-271-00	(A) 100p			C904	<u>1-123-290-00</u>	(H) 10	400V elect
C200 250								(AEP, UK model)
C309, 359) 1-123-316-00	B 10	16V	elect	C905	<u>1-108-246-00</u>	(A) 0.047	mylar
C310, 360					C906	<u> </u>	(A) 0.068	mylar
C311, 361) 1-130-317-00	B 0.068	100V	polyethylene		8 1-130-357-00	1	250V solid aluminum
C312, 302	1-161-257-00	(A) 6.8p						(US, Canadian model)
C313, 363		_	503/	elect	C907, 90	8 1-130-356-00	0.47	250V solid aluminum
C401, 402	1-123-356-00	A 10B 100		elect				(AEP, UK model)
C403	1-123-295-00	(E) 2200		elect				
C404, 405	1-123-256-00	E) 2200	301	Cicci	C909	<u> </u>	B 0.01	630V polyethylene
0406	1 122 206 00	B 220	6 3 V	elect	C910-9	13 1-123-361-00	A 220	50V elect
C406	1-123-296-00 1-123-316-00	B 10	16V	elect	C914, 91	.5 🚹1-161-734-00	B 0.0022	400V (AEP, UK model)
C407	1-123-310-00	B 330	10V	elect				
C408 C409, 410		B 470	25V	elect				
C409, 410 C411-414		© 470	50V					
C#11-#14	1-123-303-00	U	- •					
C415	<u></u> ∆1-123-408-00	820	200\	elect				
C713,	125 100 00			Canadian model)	1			
			- /	·				

Note: The components identified by shading and mark A are critical for safety. Replace only with part number specified.

Note: Les composants identifiés par un trame et une marque A sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

Ref. No.	Part No.	_1	Descript	ion	Ref. No.
-	RESI	STORS			R903
A11 1	resistors are in ohm omitted. Refer to	s. Common b	4W carbo	on resistors	R903
	numbers.	the list on th	c tast pa	ge for their	R904
-	: 1000Ω, MΩ : 100	00kΩ			R905
Kub	. 100000, 1120	* ****			11705
R113, 163	1-214-771-00	A 56k	1/4W	metal oxide (1%)	R906
R114, 164		(A) 4.7k	1/4W	metal oxide (1%)	
R311, 361		(A) 33k	½W	carbon	R906
) <u>^</u> 1-247-107-00	Ø 100	1/33/	carbon	
R315, 365) <u>/!\</u> 1-247-107-00	A 100	1/4W	(nonflammable)	RT301, 3
					RT501,
R320, 370	1-247-224-00	A 220	¹∕2W	carbon	,
,		_		(nonflammable)	RV201,
R321, 371	<u>()</u> 1-207-615-00	() o aa	2317	tal mlata	·
R322, 372	<u>γ!\</u> 1-207-615-00	A 0.33	2W	metal plate (nonflammable)	RV202,
R323, 373		(A) 10	1/2W	carbon	RV203,
R324, 374		(A) 4.7	¹⁄₂W	carbon	
	5 <u>1-213-139-00</u>	A 470	1W	metal oxide	RV204,
•				(nontlammable)	
R409, 410	0 1-247-083-00 €	A 10	1/4W	carbon	
				(nonflammable)	
R415	<u>1-206-670-00</u>	(A) 1.8k	2W	metal oxide	S1-5
		_		(nonflammable)	
R418	<u>1-247-239-00</u>	A 910	¹⁄₂W	carbon	S 6
				(nonflammable)	S 7
R419	<u>1-247-134-00</u>	A 1.3k	1/4W	carbon	S8
				(nonflammable)	
R420	<u>1-205-598-00</u>	33	5W	wirewound	S8
				(nonflammable)	
			(US, Canadian model)	
R420	1-205-599-00	75	5W	wirewound	
				(nonflammable)	
				(AEP, UK model)	CNJ10
					CNJ10
R421	<u>1-247-221-00</u>	B 160	½W		CNJ10
				(nonflammable)	CNJ10
		_			CNJ40
R422	<u> 1-206-656-00</u>	A 470	2W	metal oxide	
	٨	_		(nonflammable)	F1
R425-4	28/1-247-115-00	A 220	⅓W		F1
				(nonflammable)	
R505	1-244-885-00	_	½W		F3
R507	<u> </u>	A 270	2W	metal oxide	
	A			(nonflammable)	
R901	<u>^</u> 1-246-483-00	(A) 2.7k	1/4W	carbon	
	Λ. α	(A) (2 #1	1/3*/	aarban	
R902	<u> </u>	(A) 2.7k	1/4W	carbon (nonflammable)	
				(HOIIII allillianie)	1 42

 $\underline{\Lambda}$ are critical for safety. Replace only with part number specified.

ullet Circled letters ($ar{f A}$ to $ar{f Z}$) are applicable to European models only.

Part No.

Description

f. No.	Part No.	_	Descript	ion	Rej. No.	Part No.		Description	
	RESI	STORS			R903	<u>^</u> 1-246-521-00	100k	¼W carbon (US, Canadian model)	
All	resistors are in ohm omitted. Refer to	s. Common	1/4W carbo	on resistors	R903	<u>1-244-929-00</u>	(A) 220k	½W carbon (AEP, UK model)	
	t numbers.	the list on the	ie iasi pa	ge for then	R904	1-246-507-00	(A) 27k	¼W carbon	
-	$: 1000\Omega, M\Omega: 100$	lokΩ			R905	1-246-469-00	(A) 680	1/4W carbon	
K32	. 100022, 14122 . 100	JORGE			K703	7.X1 2 (0) 05 05	G ***		
13, 16		A 56k	1/4W 1/4W	metal oxide (1%) metal oxide (1%)	R906	<u>1-244-821-00</u>	6.8	½W carbon (US, Canadian model)	
14, 16		A 4.7k	74 W 1∕2W	carbon	D006	1-244-823-00 1-244-823-00 1-244-823-00	A 8.2	½W carbon	
311, 36		(A) 33k	72 VY		R906	<u>/!\1-244-025-00</u>	(A) 0.2	(AEP, UK model)	
312, 36 315, 36	2) <u>1</u> -247-107-00	A 100	1⁄4W	carbon (nonflammable)		351 1-226-235-00		djustable; DC bias	
				_	RT501,	551 1-226-267-00	_	adjustable; indicator	
320, 37	0 🚹 1-247-224-00	A 220	¹∕2W	carbon			sensitivi		
				(nonflammable)	RV201,	251 1-226-579-00	(E) 250k-B	/B, variable; VOLUME	
321, 37 322, 37	12/1-207-615-00	(A) 0.33	2W	metal plate (nonflammable)	RV202.	252 1-226-215-00	© 100k-M	I/N, variable; BALANCE	
323, 37		A 10	½W	carbon		253 1-226-213-00	① 100k-sp	pecial/special, variable;	
324, 37		(A) 4.7	½W	carbon	,		TREBL	_E	
	∕5 <u>1</u> 1-213-139-00	(A) 470	1W	metal oxide	RV204.	254 1-226-214-00	D 100k-sp	pecial/special, variable;	
		Ü		(nontlammable)	,		BASS		
<u>409 41</u>	0 1-247-083-00	(A) 10	1/4W	carbon			SWITCHES		
702, 72	20/21/27/ 000 00			(nonflammable)					
415	<u> 1-206-670-00</u>	(A) 1.8k	2W	metal oxide (nonflammable)	S1-5	1-552-933-00	~	itton, FUNCTION, MONITOR	
410	<u>^</u> 1-247-239-00	A 910	⅓W	carbon	S 6	1-552-932-00		atton, LOUDNESS	
418	<u>/:\</u> 1-247-239-00	710	,211	(nonflammable)	S6 S7	1-552-851-00	_	-slide, SPEAKERS	
410	1-247-134-00	(A) 1.3k	1/4W	carbon	S8	1-552-530-00		utton, POWER	
419	/1/1-247-134-00	(I) 1.5K	74	(nonflammable)	30	<u></u> 1-552 550 00		Canadian model)	
	^				S8	<u> </u>		utton, POWER	
1420	<u>1-205-598-00</u>	33	5W	wirewound	30	2.1.332 372 00	_	UK model)	
			,	(nonflammable)			,	·	
	۸		•	US, Canadian model)		MI	SCELLANEC	ous	
R420	<u>1-205-599-00</u>	75	5W	wirewound					
				(nonflammable)	CNIIO	1 151	_ Jack.	6p phono; PHONO,	
				(AEP, UK model)	CNJ10	1, 151 3, 153)1-507-637-00	TUNE	ER, AUX	
R421	<u>1-247-221-00</u>	B 160	¹⁄2W	carbon	CNJ10	4, 154 5, 155 155) E OUT	4p phono; TAPE, REC	
				(nonflammable)	C113 10.	0, 100		· 2 · ACOUTLET	
		_			CNJ40	1 1-526-574-00		et, 3p; AC OUTLET	
R422	<u> </u>	A 470	2W	metal oxide		Δ		Canadian model)	n
		_		(nonflammable)	F1	1-532-272-X	_	5A (US, Canadian model	
R425-4	428/1-247-115-00	A 220	1/4W	carbon (nonflammable)	F1	<u>1-532-286-00</u>) (B) Fuse,	2.5AT (AEP, UK model)	
R505	1-244-885-00	(A) 3.3k	⅓2 W	carbon	F3	<u>1-532-556-00</u>	0 B Fuse,	thermal; 2A	
R507	1-244-303-00 1-206-650-00	-	2W	metal oxide					
	Z171 200 000-00	2		(nonflammable)					
R901	<u>^</u> 1-246-483-00	(A) 2.7k	1/4W	carbon					
0003	Δ1 247 141 00	(A) 2.7k	1⁄4W	carbon					
R902	<u>1</u> 1-247-141-00	(A) 2.7K	/4 11	(nonflammable)					
			endeded to the total	(HOMIMMIMADIC)	Nice	ar Las composant	s identifies	par un trame et une	
No	te: The componen	ts identifie	d by sha	ding and mark	NOT	marque A sont	critiques po	ur la securité. Ne les	
	↑ are critical	for safety	/. Repl	ace only with		remplacer que	par une pied	ce portant le numéro	

Note: Les composants identifies par un trame et une marque A sont critiques pour la securité. Ne les remplacer que par une piece portant le numero

Ref. No.	Part No.	Description
J101	1-507-561-00	© Jack, HEADPHONES
PL1-5	1-518-340-71	B Pilot Lamp, 8V 50mA; FUNCTION, TAPE MONITOR
RY401	▲ 1-515-348-00	F Relay
RY402	1-515-347-00	F Relay
TM1, 2	1-536-571-00	© Plate, 4p terminal; SPEAKER
		А, В
	<u>1-517-072-00</u>	Holder, fuse (US, Canadian model)
	1-533-131-00	A Holder, fuse (AEP, UK model)
12.1	1-534-777-41 1 1 1 1 1 1 1 1 1 	D Cord, power (UK model)
	↑1-534-817-XX	(D) Cord, power (AEP model)
	1-534-986-XX	Cord, power (US, Canadiammodel)

 Circled letters (A) to (Z)) are applicable to European models only.

ACCESSOF	ACCESSORIES AND PACKING MATERIALS							
Part No.	Description							
3-701-630-00	A Bag, plastic; instruction manual							
3-770-869-11	D Manual, instruction (AEP, UK model)							
3-770-869-21	Manual, instruction (US model)							
3-770-869-21 3-794-479-31	Manual, instruction (Canadian model)							
3-794-233-21	Sheet, consumer products (US model)							
4-863-541-00	① Carton							
4-863-543-00	© Cushion							
4-891-037-00	B Bag, plastic; set							

Note: The components identified by shading and mark

A are critical for safety. Replace only with part number specified.

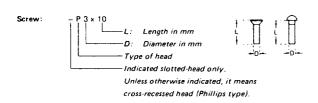
Note: Les composants identifiés par un tramé et une marque A sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

1/4 WATT CARBON RESISTORS ®

Note:	Circled letter (A) is applicable to
	European models only.

Ω	Part No.	Ω	Part No.	Ω	Part No.	Ω	Part No.	Ω	Part No.	Ω	Part No.	Ω	Part No.
1.0	1-246-401-00	10	1-246-425-00	100	1-246-449-00	1.0k	1-246-473-00	10k	1-246-497-00	100k	1 -246 -521 -00	1.0M	1-246-545-00
1.1	1-246-402-00	11	1-246-426-00	110	1-246-450-00		1-246-474-00	11k	1-246-498-00	110k	1-246-522-00	1.1M	1-210-814-00
1.2	1-246-403-00	12	1-246-427-00	120	1-246-451-00	1.2k	1-246-475-00	12k	1-246-499-00	120k	1-246-523-00	1.2M	1-210-815-00
1.3	1-246-404-00	13	1-246-428-00	130	1-246-452-00	1.3k	1-246-576-00	13k	1-246-500-00	130k	1-246-524-00	1.3M	1-210-816-00
1.5	1-246-405-00	15	1-246-429-00	150	1-246-453-00	1.5k	1-246-577-00	15k	1-246-501-00	150k	1-246-525-00	1.5M	1-210-817-00
		١						101	. 046 500 00	1001	1 046 506 00	1 (14	1 210 010 00
1.6	1-246-406-00	16	1-246-430-00	160	1-246-454-00	i	1-246-578-00	16k	1-246-502-00	160k	1-246-526-00		1
1.8	1-246-407-00	18	1-246-431-00	180	1-246-455-00	1.8k	1-246-579-00	18k	1-246-503-00	180k	1-246-527-00	1	'
2.0	1-246-408-00	20	1-246-432-00	200	1-246-456-00	2.0k	1-246-580-00	20k	1-246-504-00	200k	1-246-528-00		I .
2.2	1-246-409-00	22	1-246-433-00	220	1-246-457-00	2.2k	1-246-581-00	22k	1-246-505-00	220k	1-246-529-00	2.2M	1-210-821-00
2.4	1-246-410-00	24	1-246-434-00	240	1-246-458-00	2.4k	1-246-582-00	24k	1-246-506-00	240k	1-246-530-00	2.4M	1-244-754-00
	1 040 411 00	0.7	1 040 425 00	270	1 046 450 00	9.71.	1-246-583-00	27k	1-246-507-00	270k	1-246-531-00	2 7M	1-244-755-00
2.7	1-246-411-00	27	1-246-435-00	270	1-246-459-00		1	30k	1-246-508-00	300k	1-246-532-00		1-244-756-00
3.0	1-246-412-00	30	1-246-436-00	300	1-246-460-00	3.0k		1	1-246-509-00	330k	1 -246 -533 -00		1-244-757-00
3.3	1-246-413-00	33	1-246-437-00	330	1-246-461-00	3.3k	- 1	33k	1	il		Ī	i i
3.6	1-246-414-00	36	1-246-438-00	360	1-246-462-00	3.6k	1	36k	1-246-510-00	360k	1 246 -534 -00		1 -244 -758 -00
3.9	1-246-415-00	39	1-246-439-00	390	1-246-463-00	3.9k	1-246-587-00	39k	1-246-511-00	390k	1-246-535-00	3.9M	1-244-759-00
4.3	1-246-416-00	43	1-246-440-00	430	1-246-464-00	4.3k	1-246-488-00	43k	1-246-512-00	430k	1-246-536-00	4.3M	1-244-760-00
4.7	1 - 246 - 417 - 00	47	1-246 441 00	470	1-246-465-00	4.7k	1-246-489-00	47k	1-246 513 00	470k	1-246-537-00	4.7M	1 244 761 00
5.1	1-246-418-00	51	1-246-442-00	510	1-246-466-00	5.1k	1-246-490-00	51k	1-246-514-00	510k	1-246-538-00	5.1M	1-244-762 00
5.6	1-246-419-00	56	1-246-443-00	560	1-246-467-00	5.6k	1-246-491-00	56k	1-246-515-00	560k	1-246-539-00		
6.2	1-246-420-00	62	1-246-444-00	620	1-246-468-00	6.2k	1-246-492-00	62k	1-246-516-00	620k	1-246-540-00		
•	1						Ì						!
6.8	1-246-421-00	68	1-246-445-00	680	1-246-469-00	6.8k	1-246-493-00	68k	1-246-517-00	680k	1-246-541-00		:
7.5	1-246-422-00	75	1 -246 -446 -00	750	1-246-470-00	7.5k	1-246-494-00	75k	1-246-518-00	750k	1-246-542-00		
8.2	1-246-423-00	82	1-246-447-00	820	1-246-471-00	8.2k	1-246-495-00	82k	1-246-519-00	820k	1-246-543-00		!
9.1	1-246-424-00	91	1-246-448-00	910	1-246-472-00	9.1k	1-246-496-00	91k	1-246-520-00	910k	1-246-544-00	1	
L	<u> </u>	<u> </u>		<u> </u>	ļ	<u> </u>	<u> </u>	<u> </u>	<u> L</u>	L	!)():	:

HARDWARE NOMENCLATURE



Reference Designation	Shape	Description	Remarks
		SCREWS	
Р ₽		pan-head screw	binding-head (B) screw for replacement
PWH	₽	pan-head screw with washer face	binding-head (B) screw and flat washer for replacement
PS PSP	853	pan-head screw with spring washer	binding-head (B) screw and spring washer for replace- ment
PSW PSPW	486	pan-head screw with spring and flat washers	binding-head (B) screw and spring and flat washers for replacement
R	₽	round-head screw	binding-head (B) screw for replacement
К	Þ	flat-countersunk-head screw	
RK	₽	oval-countersunk-head screw	
В	₽	binding-head screw	
T	(>	truss-head screw	binding-head (B) screw for replacement
F	₽⊃	flat-fillister-head screw	
RF	₽	fillister-head screw	
BV .	€>	braizer-head screw	

Nut, Washer,	Retaining ring:
	N 3 Diameter of usable screw or shaft
	Reference designation

Reference Designation	Shape	Description	Remarks
		SELF-TAPPING SCRE	ws
TA		self-tapping screw	ex: TA, P3 x 10
PTP	=	pan-head self-tapping screw	binding-head self- tapping (TA, B) screw for replacement
PTPWH	#	pan-head self-tapping screw with washer face	binding-head self tapping (TA, B) screw and flat washer for replacement
PTTWH		pan-head thread-rolling screw with washer face	binding-head (B) screw and, flat washer for replacement
		SET SCREWS	
SC -		set screw	
sc	⊕€ Э	hexagon-socket set screw	ex: SC 2 6 x 4, hexagon socket
		NUT	
N	-[]-@	nut	
		WASHERS	
W	0	flat washer	
sw	-⊚ 1	spring washer	
LW	0	internal-tooth lock washer	ex: LW3, internal
LW	٥	external-tooth lock washer	ex: LW3, external
		RETAINING RINGS	
E	0	retaining ring	1
G	୍ଷ	grip-type retaining ring	

Sony Corporation

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79E02100-1 Printed in Japan